

ABSTRACT OF THE DISCLOSURE

10067300-020702

A process for treating sludge is disclosed. Sludge to which a flocculating agent has been added is stirred by a stirring pump or shear-stirred by a liquid shear-stirrer prior to initiation of flocculation reaction of the flocculating agent to render the flocculating agent in a fine particulate state to thereby disperse, diffuse or distribute the flocculating agent in a fine particulate state throughout the sludge, so that flocks or aggregate structure type flocks or blocks can be efficiently formed. A treating line is constructed such that the sludge can flow therein as a laminar flow. The distance from a flocculating agent injection part to a stirring pump is made to a distance such that the flocculating agent can pass through in a reaction initiation time obtained in advance for the flocculating agent. The time at which flocculation strength of flocks formed by the flocculation reaction of the flocculating agent is maximal is experimentally confirmed in advance and a solid-liquid separator is set at a position where at such time the flocks can reside by the solid-liquid separator.